

**SRB 2014 Affiliates Meeting**  
**AGENDA**

WEDNESDAY JUNE 11, 2014		
Time	Event / Paper	Location / Speaker
<b>7:30 AM - 8:30 AM</b>		
<b>Registration and Breakfast</b>		
<b>Breezeway</b>		
8:30 - 8:50	Welcome	Gary Mavko
8:50 - 9:10	Welcome	Mark Zoback
9:10 - 9:30	Rock Physics Lab Program	Tiziana Vanorio
9:30 - 9:50	A3, A8: Kozeny-Carman equation revisited and percolation in binary mixtures	Jack Dvorkin, Humberto Arevalo-Lopez
9:50 - 10:10	B5: Nano-characterization of Green River kerogen using NanoSIMS and nanoindentation techniques	Salma Alsinan
10:10 - 10:30	B3: Physical and chemical monitoring of carbonates during CO <sub>2</sub> -rich brine injection	Tony Clark
<b>10:30 AM - 10:50 AM</b>		
<b>Break</b>		
<b>Breezeway</b>		
10:50 - 11:15	B6: Dealing with conductive minerals: Conclusions, Recommendations and Future Work	Adam Tew
11:15 - 11:35	B4: A multi-scale methodology for the analysis of velocity anisotropy in organic-rich shale	Adam Allan
11:35 - 11:55	A6: Effect of rock composition and structure on elastic anisotropy	Priyanka Dutta
11:55 - 12:15	G2: Evaluation of CO <sub>2</sub> storage capacity and its uncertainty from seismic and well data	Chisato Konishi
<b>12:15 PM - 1:15 PM</b>		
<b>Lunch</b>		
<b>Deck</b>		
1:15 - 1:35	A4-A5: Vs Predictors	Jack Dvorkin, Humberto Arevalo-Lopez
1:35 - 1:55	A1: Estimating elastic properties of heterogeneous media upon change in microstructure	Nishank Saxena
1:55 - 2:15	C1: Effects of heterogeneity on mildly cemented sandstone	Yu Xia
2:15 - 2:35	C2: Stress heterogeneity in pore space	Sabrina Aliyeva
2:35 - 2:55	Recommendations and pitfalls in computational rock physics workflows	Tapan Mukerji
2:55 - 3:15	D5: Capillary pressure workflow: Application to Cadoret's lab data	Amrita Sen
<b>3:15 PM - 3:35 PM</b>		
<b>Break</b>		
<b>Breezeway</b>		
3:35 - 3:55	A2: Effects of heterogeneity on viscoelastic behavior	Gary Mavko
3:55 - 4:15	G1: Integrating basin modeling with seismic technology and rock physics	Wisam AlKawai
4:15 - 4:35	C6: Quantitatively relating resistivity and permeability anisotropies: A proposal	Abrar AlAbbad
4:35 - 5:00	F7: Material and stress rotations: The key to reconciling crustal faulting complexity with rock mechanics	Amos Nur
<b>5:15 PM</b>		
<b>RECEPTION / APPETIZERS</b>		
<b>Breezeway</b>		
<b>6:00 PM</b>		
<b>DINNER</b>		
<b>Deck</b>		



# *SRB 2014 Affiliates Meeting*

## AGENDA

**FRIDAY JUNE 13, 2014**

Time	Event / Paper	Location / Speaker
<b>7:00 AM - 8:00 AM</b>	<b>Breakfast</b>	<b>Breezeway</b>
8:00 - 8:20	F1: Fault and fracture identification and characterization in 3D seismic data from unconventional reservoirs	Noha Farghal
8:20 - 8:40	F2: Optimizing flow from natural fractures in a basin centered tight gas accumulation, Piceance Basin, Colorado	Rall Walsh
8:40 - 9:00	E7: Stimulation Induced Velocity Changes in the Barnett Shale	Alex Hakso
9:00 - 9:20	F4: The likelihood of fault re-activation in Paleogene reservoirs: Depletion vs. subsequent injection	Jeremy Brown
9:20 - 9:50	F6: The role of preexisting fractures and faults during multi-stage hydraulic fracturing in the Bakken Formation	Alec Yang
9:50 - 10:00	F5: Analysis of stress changes of a depleting shale gas reservoir using dual-porosity poroelasticity (DPP)	Xiaodong Ma
<b>10:00 AM - 10:20 AM</b>	<b>Break</b>	<b>Breezeway</b>
10:20 - 10:50	H2: Focal mechanism determination using full waveform microseismic data	Wenhuan Kuang
10:50 - 11:15	F3: Microseismically constrained discrete fracture network	Lei Jin
11:15 - 11:25	G3: A Geomechanical model of Midland Basin Wolfcamp shale	Shaochuan Xu
11:25 - 11:45	H5: Is there a correlation between earth tides and microseismicity during multistage hydraulic fracturing?	Abdulgader Alalli
11:45 - 12:05	H4: Fluid injection and triggered earthquakes in Oklahoma	Rall Walsh
12:05 - 12:25	F6: An updated stress map for Oklahoma	Richard Alt
12:25 - 1:00	Open Discussion	
<b>1:00 PM</b>	<b>Lunch</b>	<b>Deck</b>